

ABSTRACT

The monitoring device for dye baths in which a dye component is introduced during a period of time D includes:

- a transparency sensor (140) for the liquid contained in the bath adapted to supply a signal representing the transparency of the bath for at least one spectral range and
- control elements (148) adapted to determine a reference point (315) for transparency evolution of the bath corresponding to the transparency that the bath would have had if there had been no absorption of the colorant during the period of time D. Preferentially, the reference point is determined by interpolating transparency evolution to the start of the introduction, interpolation carried out over the period of time D of the introduction of colorant into the dye bath.